

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044329.D
 Acq On : 6 Feb 2020 19:13
 Operator : CG/JU
 Sample : L1346-06DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PD-4-(30-32)DL

Quant Time: Feb 06 22:25:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

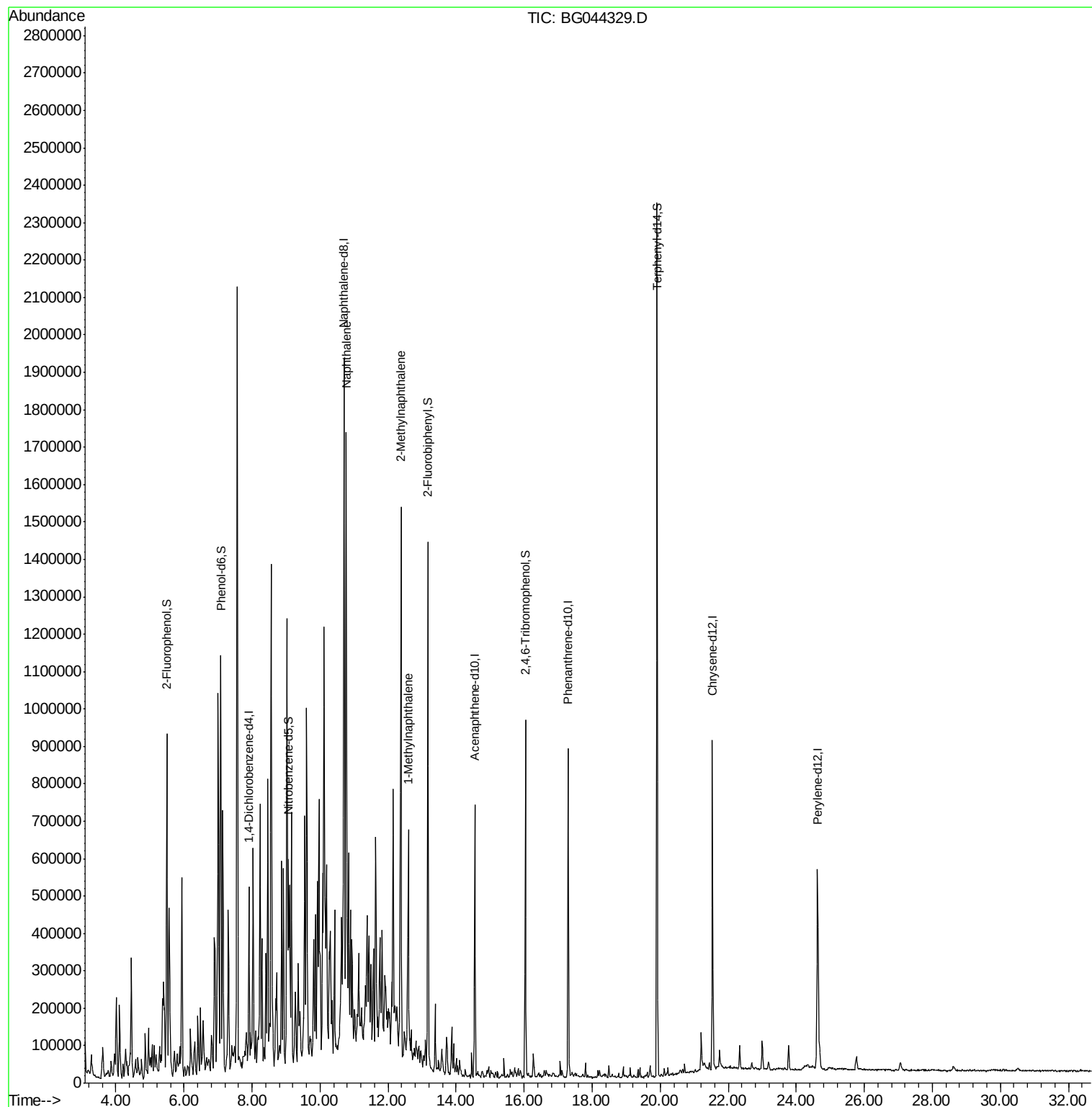
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	93230	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	364308	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	264183	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	567949	20.00	ng	0.00
76) Chrysene-d12	21.54	240	501723	20.00	ng	0.00
87) Perylene-d12	24.63	264	551501	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	380163	71.96	ng	0.00
7) Phenol-d6	7.08	99	511651	72.13	ng	0.00
23) Nitrobenzene-d5	9.07	82	319578	49.52	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	189718	61.17	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	737093	46.72	ng	0.00
79) Terphenyl-d14	19.91	244	1140208	46.74	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.77	128	981331	55.520	ng	97
37) 2-Methylnaphthalene	12.38	142	738423	56.268	ng	100
38) 1-Methylnaphthalene	12.59	142	294008	23.763	ng	98

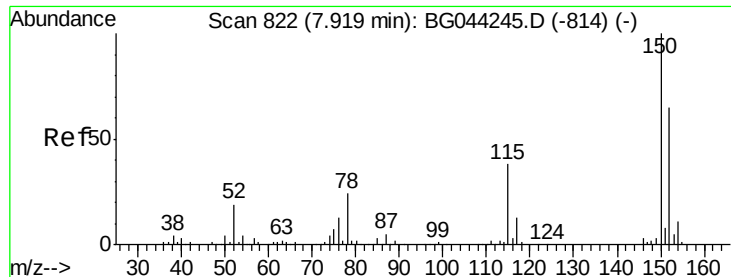
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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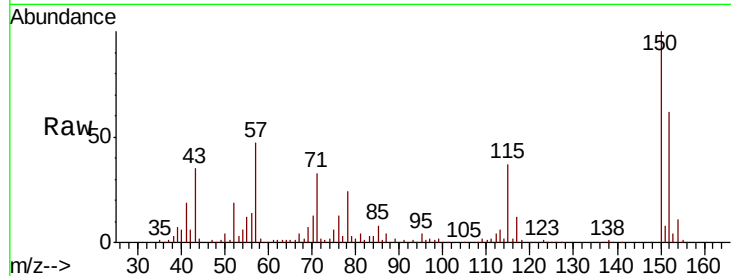


#1

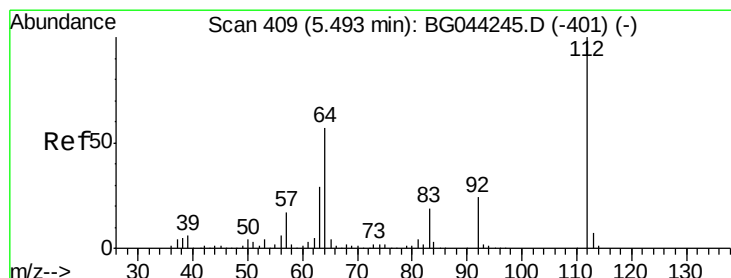
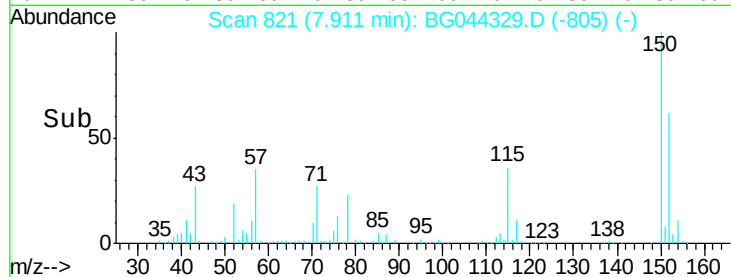
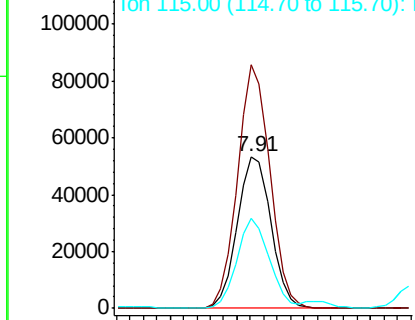
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG044329.D
 Acq: 6 Feb 2020 19:13

Instrument :
 BNA_G
 ClientSampleId :
 PD-4-(30-32)DL

Tot Ion:152 Resp: 93230
 Ion Ratio Lower Upper
 152 100
 150 160.3 122.6 183.8
 115 59.1 46.0 69.0



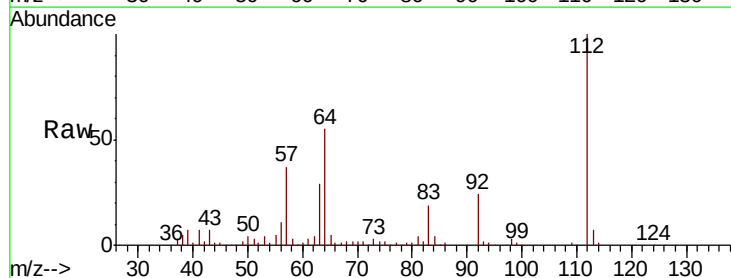
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



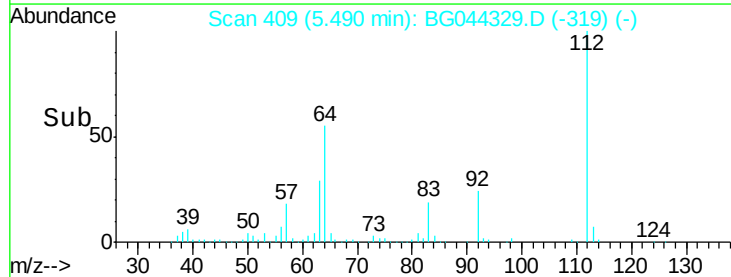
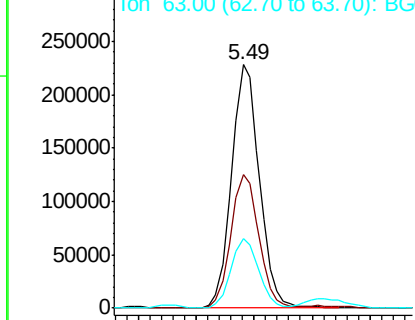
#5

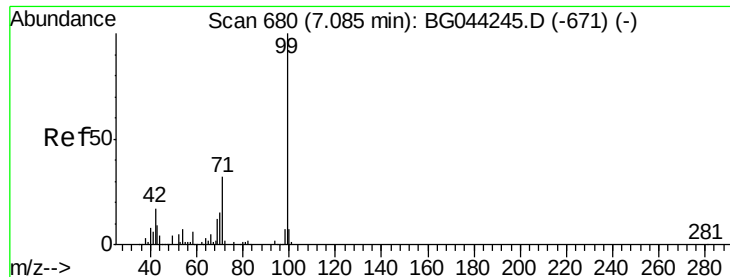
2-Fluorophenol
 Concen: 71.965 ng
 RT: 5.49 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BG044329.D
 Acq: 6 Feb 2020 19:13

Tgt Ion:112 Resp: 380163
 Ion Ratio Lower Upper
 112 100
 64 54.8 45.4 68.2
 63 28.7 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 72.127 ng

RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

Lab File: BG044329.D

Acq: 6 Feb 2020 19:13

Instrument :

BNA_G

ClientSampleId :

PD-4-(30-32)DL

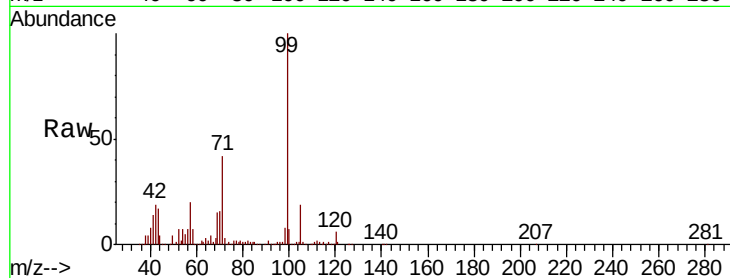
Tot Ion: 99 Resp: 511651

Ion Ratio Lower Upper

99 100

42 18.9 13.8 20.6

71 41.9 25.5 38.3#

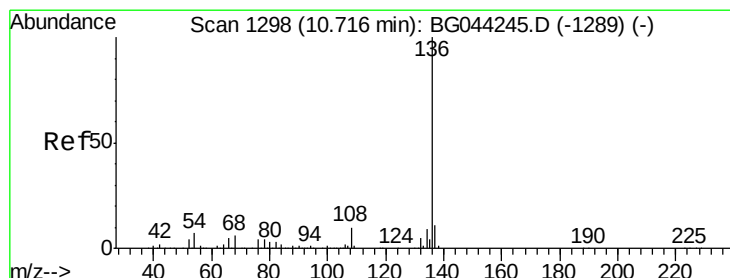
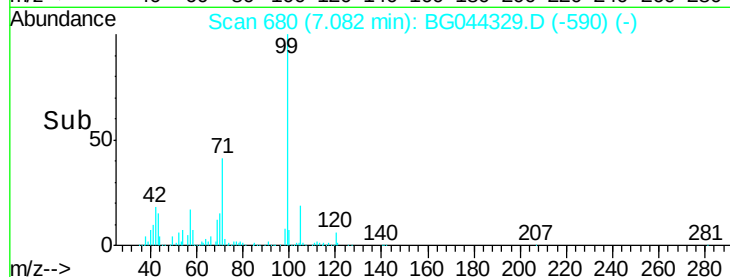
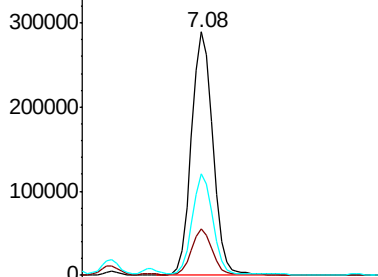


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.71 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG044329.D

Acq: 6 Feb 2020 19:13

Tgt Ion: 136 Resp: 364308

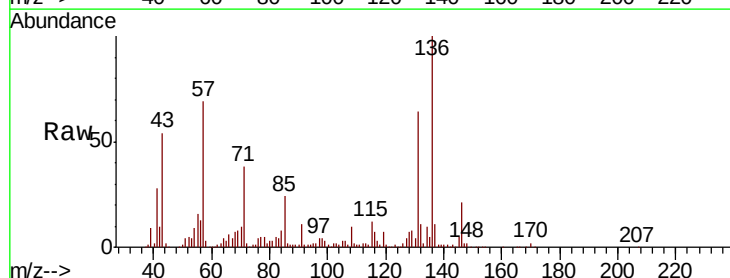
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 9.2 5.8 8.8#

68 6.6 4.6 6.8



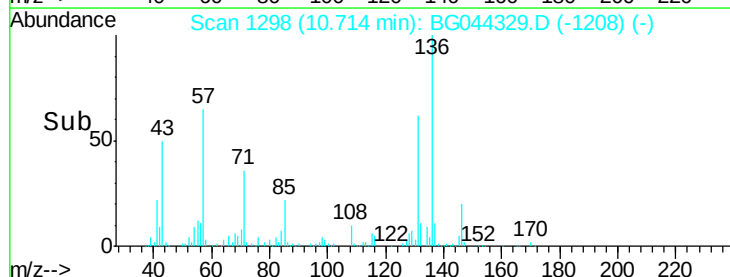
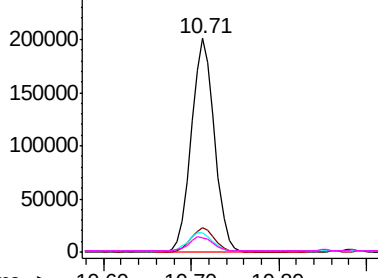
Abundance

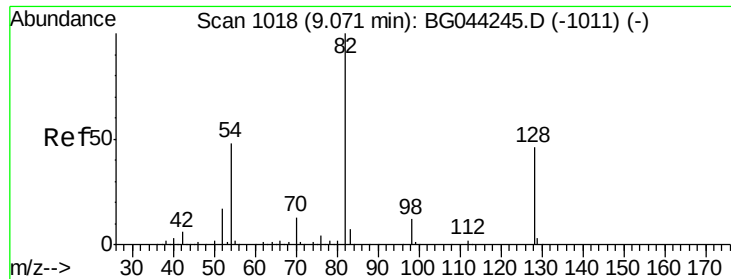
Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

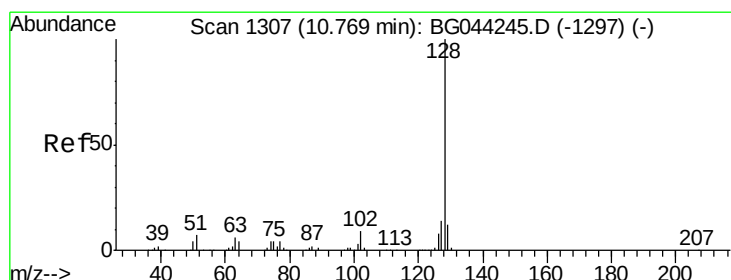
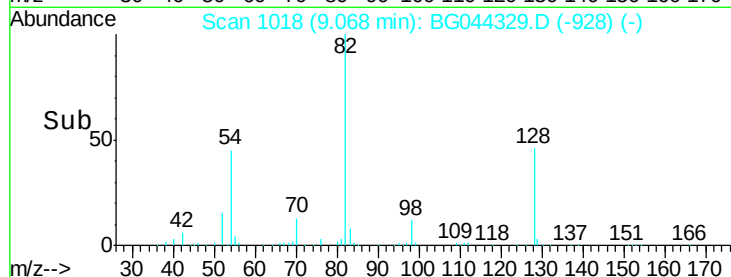
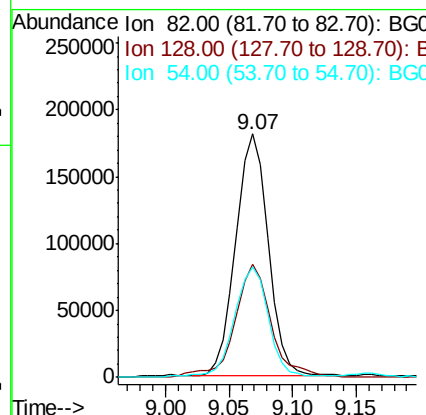
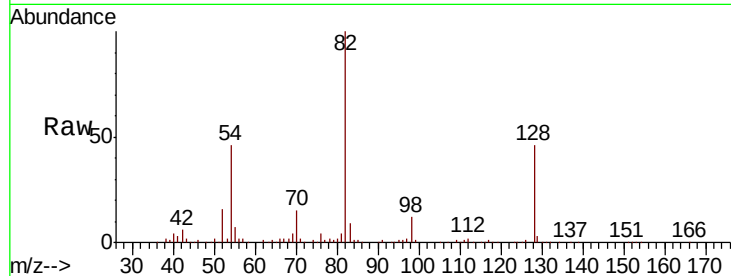




#23
 Nitrobenzene-d5
 Concen: 49.525 ng
 RT: 9.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BG044329.D
 Acq: 6 Feb 2020 19:13

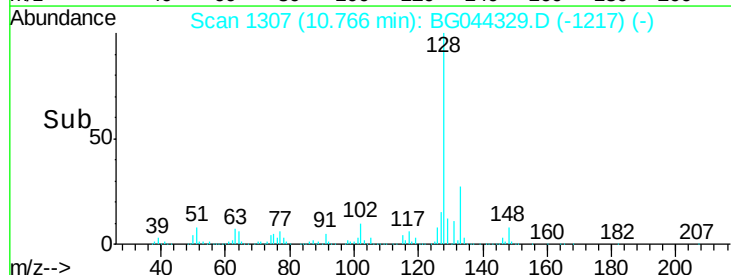
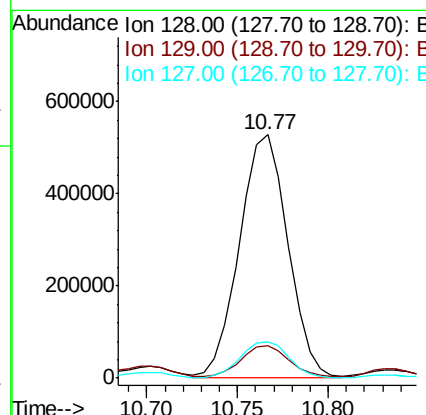
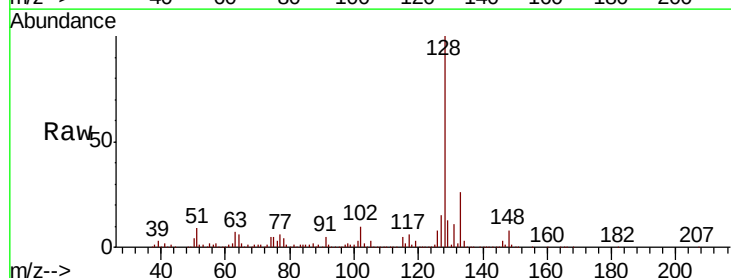
Instrument :
 BNA_G
 ClientSampleId :
 PD-4-(30-32)DL

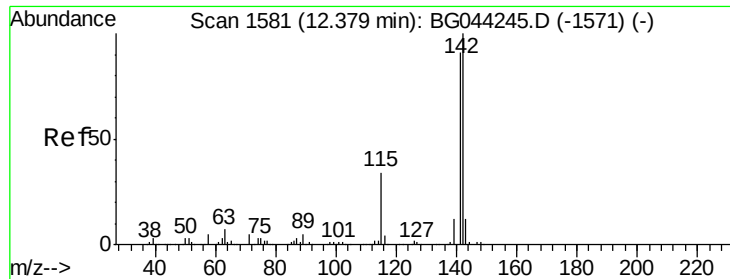
Tot Ion	82	Resp	319578
Ion Ratio	Lower	Upper	
82	100		
128	46.2	36.5	54.7
54	45.6	38.6	58.0



#31
 Naphthalene
 Concen: 55.520 ng
 RT: 10.77 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: BG044329.D
 Acq: 6 Feb 2020 19:13

Tgt Ion	128	Resp	981331
Ion Ratio	Lower	Upper	
128	100		
129	13.3	9.3	13.9
127	15.1	11.6	17.4

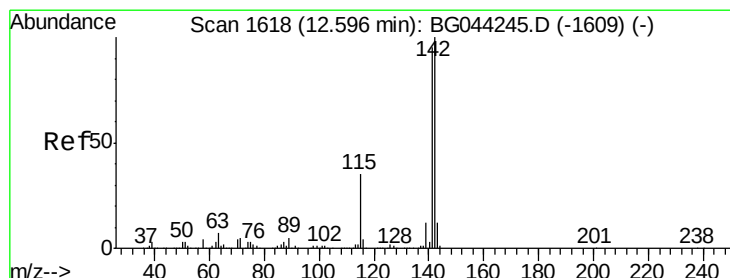
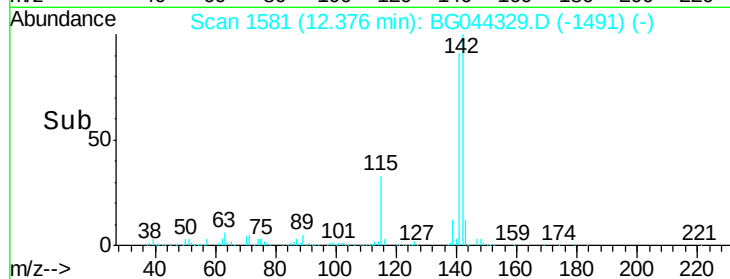
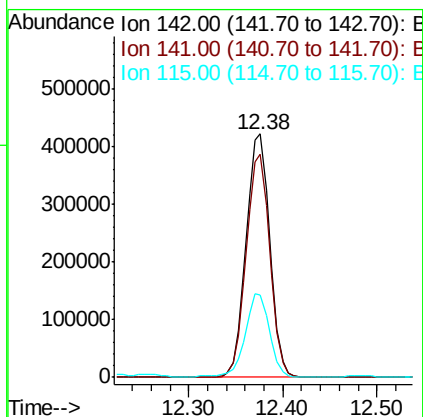
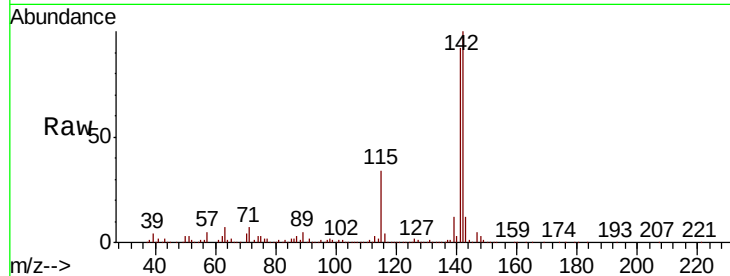




#37
2-Methylnaphthalene
Concen: 56.268 ng
RT: 12.38 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG044329.D
Acq: 6 Feb 2020 19:13

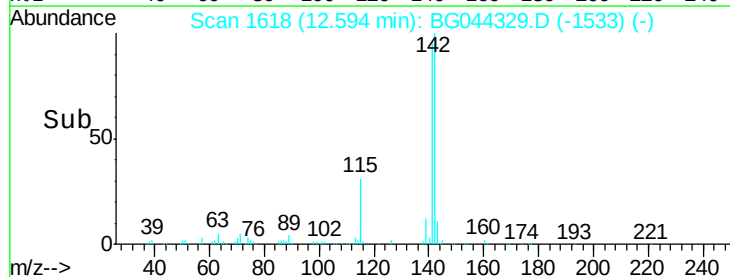
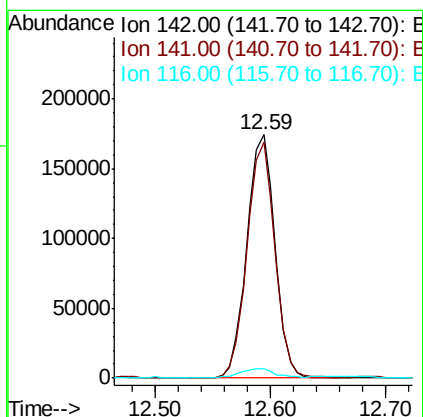
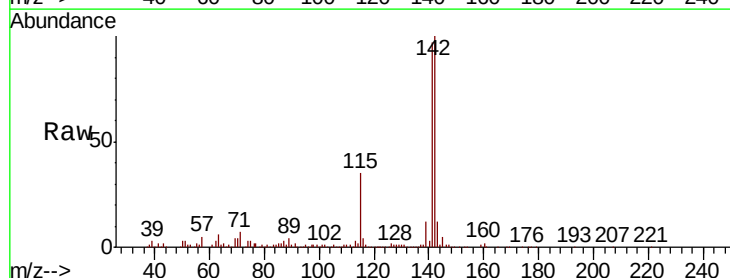
Instrument :
BNA_G
ClientSampleId :
PD-4-(30-32)DL

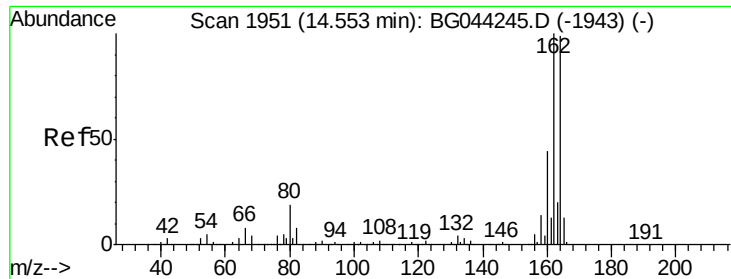
Tot Ion:142 Resp: 738423
Ion Ratio Lower Upper
142 100
141 91.5 73.2 109.8
115 33.9 27.1 40.7



#38
1-Methylnaphthalene
Concen: 23.763 ng
RT: 12.59 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG044329.D
Acq: 6 Feb 2020 19:13

Tgt Ion:142 Resp: 294008
Ion Ratio Lower Upper
142 100
141 96.8 75.8 113.6
116 3.6 3.1 4.7

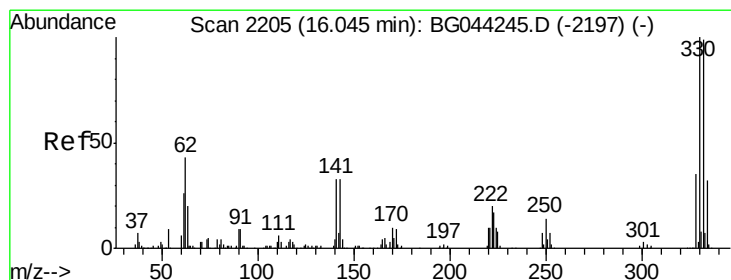
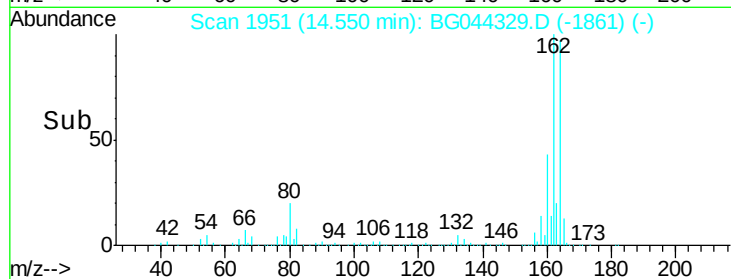
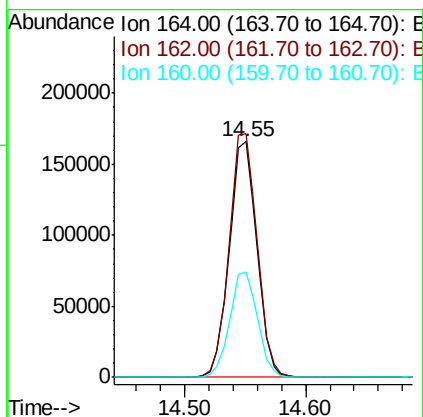
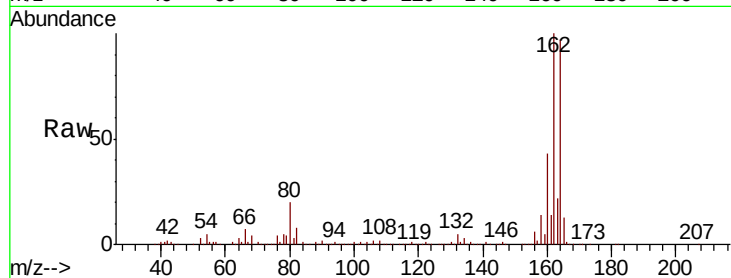




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG044329.D
Acq: 6 Feb 2020 19:13

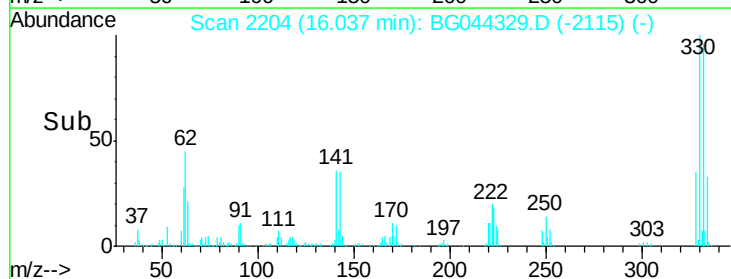
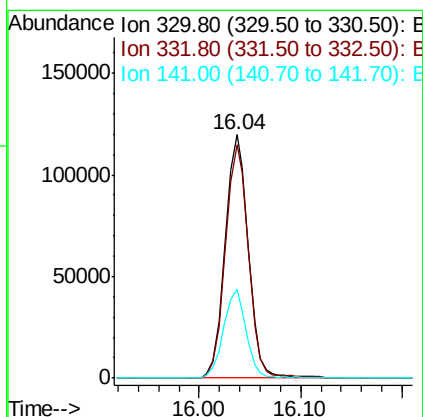
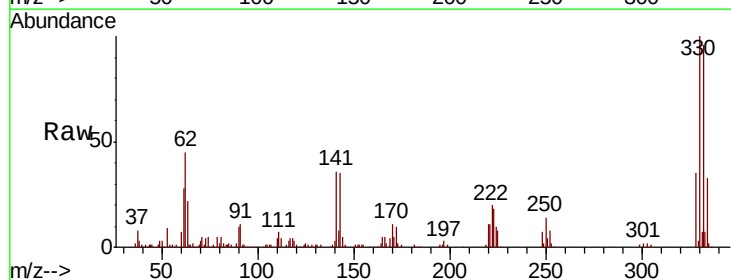
Instrument :
BNA_G
ClientSampleId :
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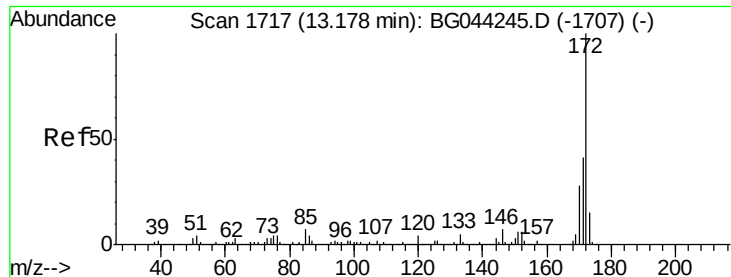
Tot Ion:164 Resp: 264183
Ion Ratio Lower Upper
164 100
162 103.4 80.7 121.1
160 45.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 61.173 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG044329.D
Acq: 6 Feb 2020 19:13

Tgt Ion:330 Resp: 189718
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 35.6 28.3 42.5

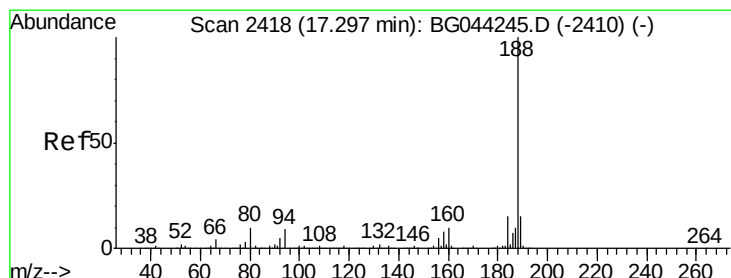
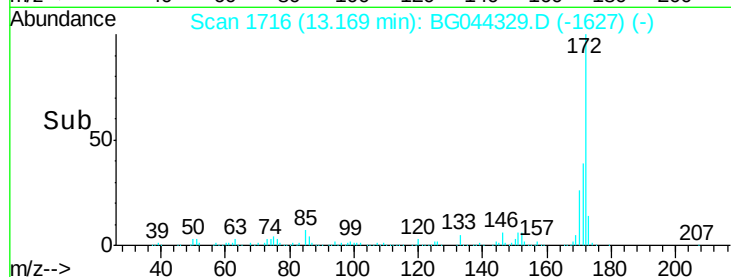
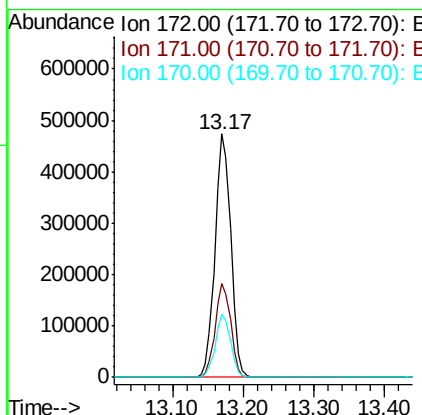
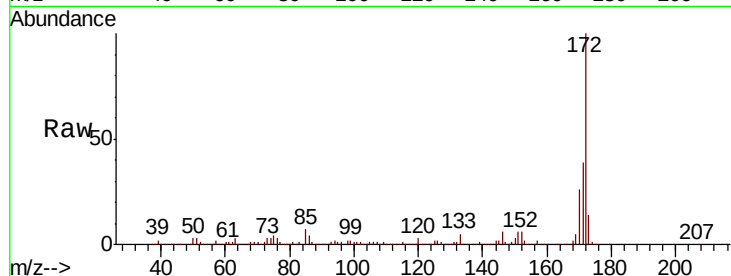




#45
2-Fluorobiphenyl
Concen: 46.721 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BG044329.D
Acq: 6 Feb 2020 19:13

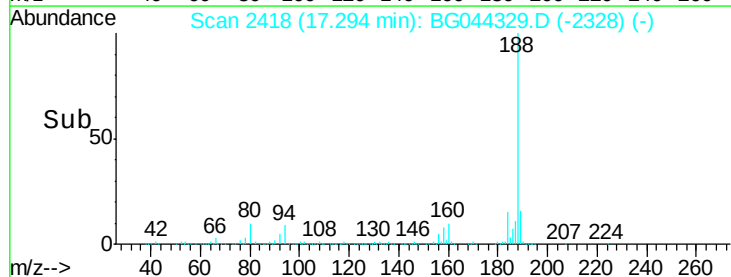
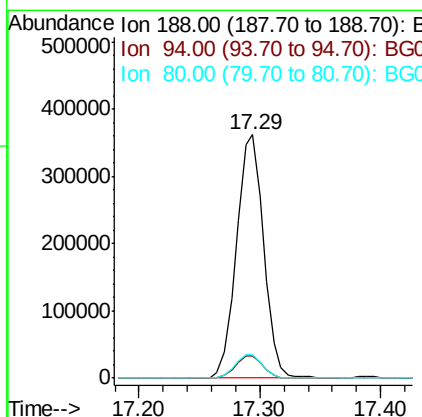
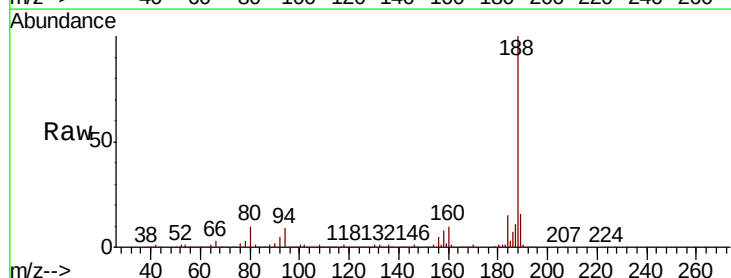
Instrument :
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PD-4-(30-32)DL

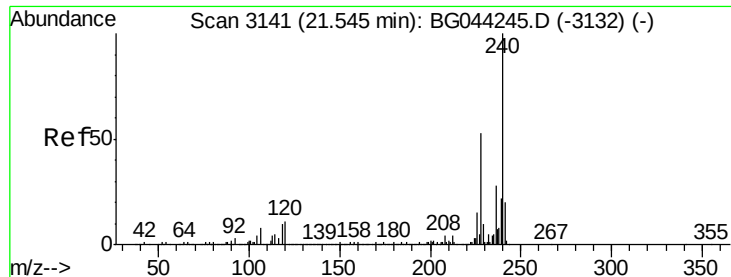
Tot Ion:172 Resp: 737093
Ion Ratio Lower Upper
172 100
171 38.6 32.9 49.3
170 25.9 22.0 33.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BG044329.D
Acq: 6 Feb 2020 19:13

Tgt Ion:188 Resp: 567949
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.6 7.7 11.5

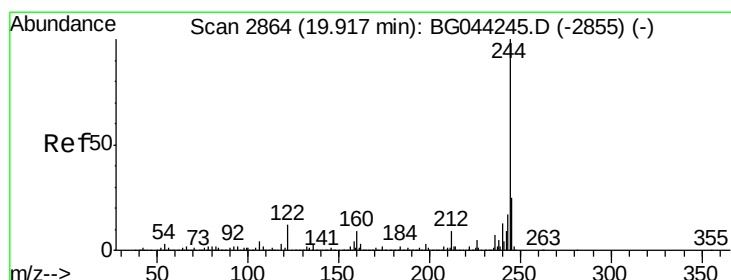
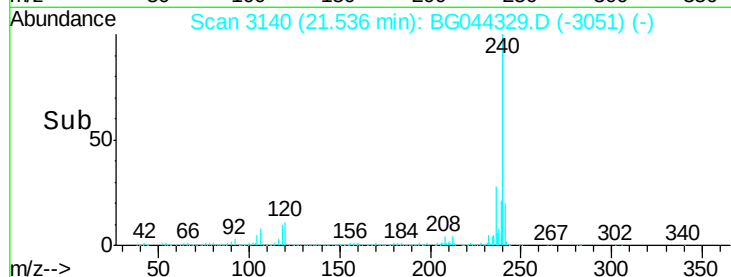
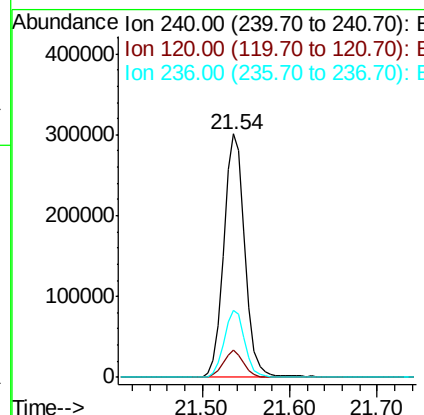
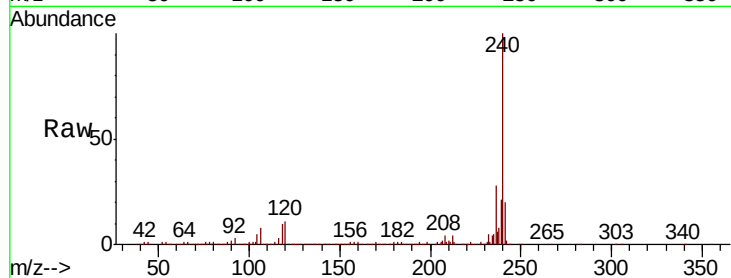




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG044329.D
 Acq: 6 Feb 2020 19:13

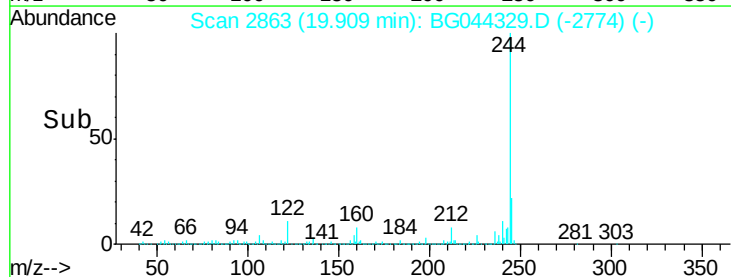
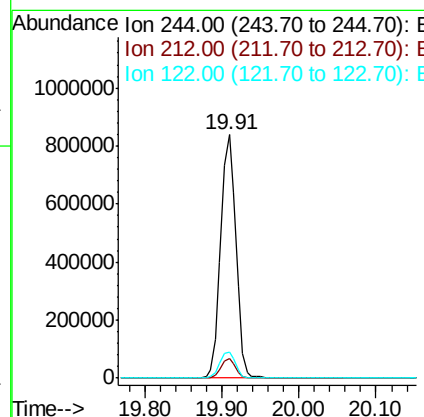
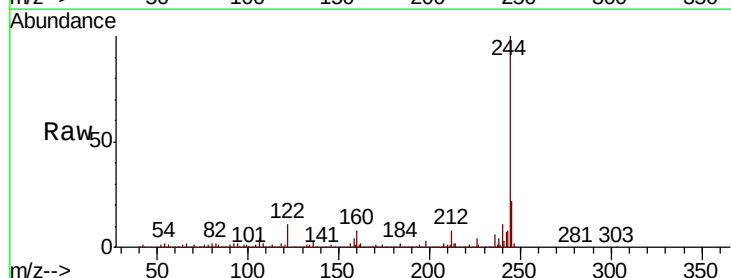
Instrument :
 BNA_G
 ClientSampleId :
 PD-4-(30-32)DL

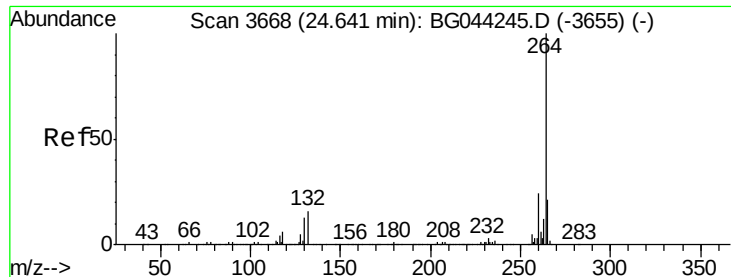
Tot Ion:240 Resp: 501723
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.4 12.6
 236 27.7 22.1 33.1



#79
 Terphenyl-d14
 Concen: 46.744 ng
 RT: 19.91 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG044329.D
 Acq: 6 Feb 2020 19:13

Tgt Ion:244 Resp: 1140208
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.4 11.2
 122 10.9 9.8 14.6

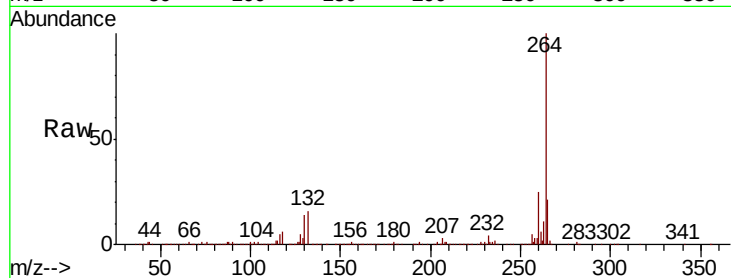




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3666
Delta R.T. -0.01 min
Lab File: BG044329.D
Acq: 6 Feb 2020 19:13

Instrument :
BNA_G
ClientSampleId :
PD-4-(30-32)DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.2
265	21.2	16.7	25.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

